

## The Knowledge Bank at The Ohio State University

### Ohio State Engineer

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# DEPARTMENTS AND SOCIETIES

## A. I. E. E.

About half of the E. E. seniors (power majors) went on an inspection trip to Cleveland during the first week of April. The tour included the Terminal Tower power plant, Lincoln Electric, Nela Park, and the Republic Strip Mill. In the evenings, a few (very few) of the boys and Professor Bibber attended the Metropolitan Opera performances while the great majority decided to continue the inspection trip into the evenings and early mornings.

The results of these nocturnal inspection trips? Well, a special issue of the *Grapevine* (that famous E. E. rag) had to be published to carry a summary of the boys' researches.

A. I. E. E. gave a dinner on April 13 in Pomerene Hall in honor of the National A. I. E. E. chairman, Mr. Harrison, who was visiting in Columbus for a few days. The student branch was greatly honored by a 100 per cent turn out of faculty members, and many of the members of the down-town section of A. I. E. E.

Whitney Matthews, reporting for the E. E. exhibition committee for Engineers' Day, stated that they are certain that they will win the loving cup for the best exhibitions. Graham Brown, reporting for the float committee, stated that the cup for the best float was "in the bag." That makes two loving cups for the E. E.'s, WE HOPE!! Well, good luck, boys!!

## A. S. M. E. — S. A. E.

The annual speech competition of the student branch of the American Society of Mechanical Engineers was held April 1 and April 8 in Robinson Laboratory. After a short introduction by Professor Beitler, in which the competition was explained, the three judges were presented. They were: Dr. K. Y. Tang of Department of Electrical Engineering, Mr. J. M. Weed of the Engineering Experiment Station, and Professor John Younger of the Industrial Engineering Department.

The first speech was given by Elbert J. Boebinger. In his talk, entitled "Tension and Impact Tests on Steel," he explained the new method of testing tension and impact on steel simultaneously.

In the second speech, "Air Conditioning of Railroad Passenger Cars," James B. Purdy discussed the advantages of the air conditioning. In conclusion, he brought out some of the problems with which the air conditioning engineers have to cope.

"Oil Fired Steam Motive Boilers," the speech presented by Robert B. Hines, stressed the potentialities of oil as a boiler fuel.

Robert E. Clark spoke on "Acrylic Resin Plastics," comparing the qualities of the acrylic resin base plastics with plastics of other origin.

The last speech, "A Summer in the Oil Fields," given by Benjamin P. Bayliss, proved to be an entertaining bit of saga of the Oklahoma oil fields.

Each speech was illustrated with charts, slides or diagrams. All the contestants were seniors in the Department of Mechanical Engineering.

Judges Tang, Weed and Younger awarded the first prize of \$10 to James B. Purdy and the second prize of \$5 to Robert E. Clark. Mr. Purdy will compete in the speech contest at Toronto.

The Department of Mechanical Engineering inspection trips, of which there are three, were discussed at the meeting April 1. One group composed of juniors and seniors will attend the A. S. M. E. Convention at Toronto, Canada. Another group, seniors, will be at Detroit, Michigan. The third inspection trip, made by a group of juniors, will visit industries in various cities in southern Ohio.

On April 15, the A. S. M. E. and S. A. E. attended an open meeting in Room 100 of the Chemistry Building at which Mr. Everett Chapman of the Lincoln Electric Co. lectured on "Welding and Its Uses." Mr. Chapman stated that down through the ages, engineers had been searching for the perfect joint and that welding was the complete solution. He illustrated his point with an excellent motion picture which showed some of the advancements in industry made possible by welding.

Approximately forty couples, including a good representation of the faculty, were present at the unveiling of the new concrete floor in Robinson Laboratory, Saturday, April 23. Dancing was held from nine to twelve. Being a laboratory dance, dress was strictly informal. Refreshments were served throughout the evening.

## Engineer's Council

The Engineers' Council, student governing body of the engineering quadrangle, held its last meeting on Tuesday, April 5, 1938. The main object of the meeting was the discussion on the forthcoming Engineers' Day program which the Council sponsors.

Due to the extensive program now planned for Engineers' Day, it has become necessary for the Council to acquire assistance from the members of the student body who are willing to do special committee work. Members of the Council are committee chairmen and assignments were made by them at the last meeting.

It was decided in Council meeting that there would be a cup awarded for both first and second best floats in the Engineers' Day parade. Also, a cup will be awarded for the best exhibit. A committee has made plans for the registration of visiting high school stu-

dents. Special maps of the Quadrangle and lists of the exhibits will be printed for the benefit of all visitors. As a closing activity, there will be an Engineers' dance on the night of May 14, 1938. Through the combined efforts of all concerned, this promises to be the most successful Engineers' Day ever to be held on the campus.

#### A. C. S.

A meeting of the student branch of the American Ceramic Society was held at Lord Hall April 13. Extensive plans were laid for Engineers' Day and for other activities for the balance of the year. Officers for the coming year will be elected and installed at the final meeting of the year, May 11.

The Ohio State University dinner observed annually in connection with the convention of the American Ceramic Society was held in New Orleans on the evening of March 29. The dinner was another big success. The alumni and ex-students present numbered 61 in spite of a dinner meeting of Keramos on the same evening. The university was represented by Professor Arthur S. Watts, Chairman of the Department of Ceramic Engineering, who brought to the meeting some news of the campus.

#### A. S. C. E.

At a business meeting held early in April, 1938, John Hanlon was appointed chairman of the committee to sponsor a float for Engineers' Day. Maurice Kilgore was appointed chairman of the exhibit committee for the same purpose. Various ideas were voiced for both the float and exhibit.

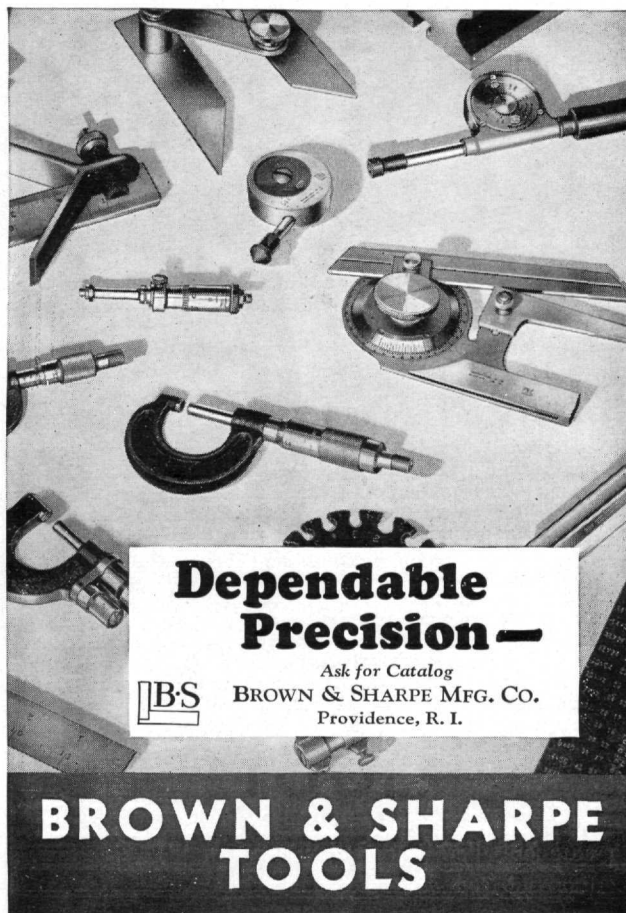
The committee composed of Robert G. Wolfe, Chairman; Emerson Bostwick and Charles Jones is still working on the problem of finding a suitable portrait of some famous engineer with which to adorn the walls of Brown Hall.

On April 22, 1938, the Student Chapter and faculty members heard Professor George H. Harding of the University of Louisville give an interesting talk on his experiences as civil engineer and army officer during the 1937 flood at Louisville. Professor Harding is a graduate of Ohio State University and received a hearty welcome from students and faculty alike.

At the time of this writing, nominations are about to be made for officers for the coming year. From all appearances, the elections should prove close and interesting. Let it be said here that the graduating class sincerely hopes for a bigger and better Society next year, and good luck to the coming officers, whoever they may be.

Plans have slowly but surely gotten under way for the annual senior banquet, to be held some time in June. Since it is the student's last chance to get a dig at the professors, few if any pass up the opportunity. If indications mean anything, let's hope the faculty can take it!!!

May, 1938.



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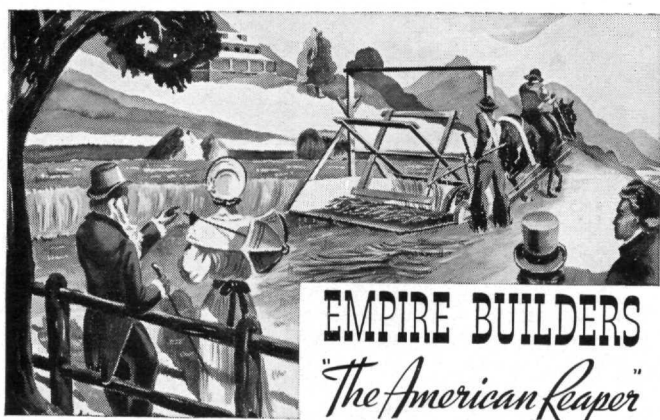
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## Keramos

Keramos, the ceramic engineering professional fraternity, held a dinner meeting and a formal initiation on April 14, 1938.

The new members are: Carey E. Lindsay, Paul J. Scholffman, Paul J. Yavorsky, Henry A. Gornall, Robert L. Newton and Howard E. Petty.

## Radio Club

The Radio Club's first meeting of the quarter was held on Monday evening, April 4, 1938, at the Radio Shack. It was decided to hold meetings every two weeks instead of every week during the spring quarter. Plans for Engineers' Day were discussed and it was finally agreed that the club should have a booth as well as to have the station open to visitors. A committee was appointed to take care of Federal Communications Commission's frequency violation ticket and the technical committee reported on progress of the new transmitter.

At the second meeting of the quarter, it was decided to hold a dinner meeting and to have one of the faculty members as speaker. One of the members discussed the development of Rho Epsilon, an amateur radio fraternity for college radio clubs, and suggested that some attempt be made to establish a local chapter here at Ohio State University. Since WOSU has now moved from its old location, plans for moving into the shack were discussed and President Bassett told of progress on the construction of new equipment for the new location.

## Tau Beta Pi

A dinner meeting of Tau Beta Pi was held at Pomerene Refectory on Thursday, April 14, 1938. Following the regular business meeting, an election of officers was held for the coming year. John M. Sherman was elected president; Crary Davis, vice president; John M. McEwen, recording secretary; Robert Hanville, corresponding secretary; Professor E. C. Clark, treasurer; Arthur Thomas, cataloger; and Professor Samuel Folk, adviser.

Plans were discussed for a float for Engineers' Day. A picnic for the group is planned for sometime in June.

## Texnikoi

On April 22, 1938, Texnikoi, the engineering honorary fraternity, held initiation exercises for 13 pledges. James M. Robinson was in charge of the initiation.

On Friday morning (before 8 a. m.!) the boys had to collect bricks and make a replica of the fraternity key in front of the Chemistry Building. The brick walks in the Quadrangle suffered greatly. After this ordeal was over, the pledges had to guard the key.

Formal initiation was followed by a banquet on Saturday evening at a down-town hotel.

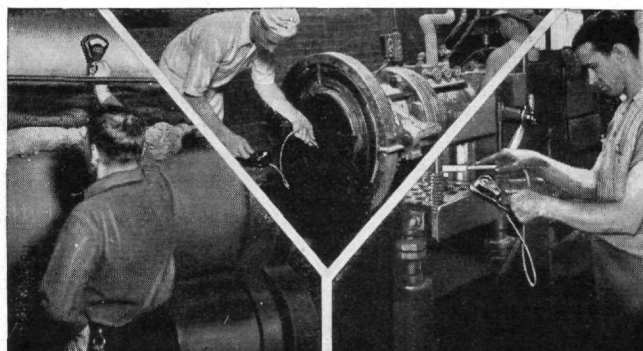
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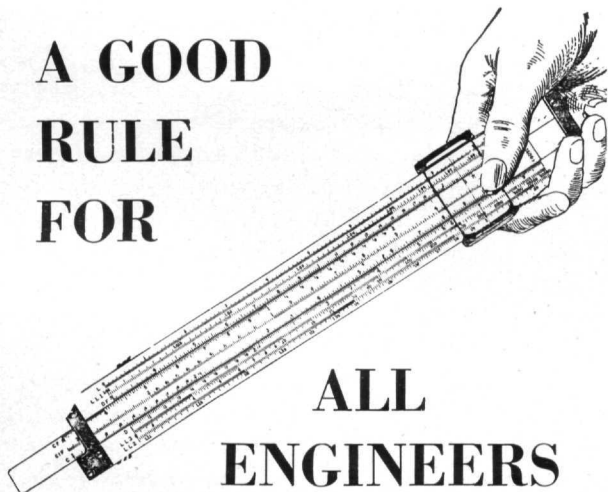


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